

Converting Colors

YUV(68.5960, 10.0592, 87.1773)

Have a look what the booklet for
YUV(68.5960, 10.0592, 87.1773)
contains.

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Color

**YUV(68.5960, 10.0592,
87.1773)**

Conversions

Conversions Part 1

Format	Color
Hex	A80E59
RGB	168, 14, 89
RGB Percent	66%, 5%, 35%
CMY	0.3412, 0.9451, 0.6510
CMYK	0.00, 0.92, 0.47, 0.34
HSL	331°, 85%, 36%
HSV	331°, 92%, 66%
XYZ	18.1087, 9.3602, 10.3035
YIQ	68.5960, 67.7090, 55.9730

Conversions

Conversions Part 2

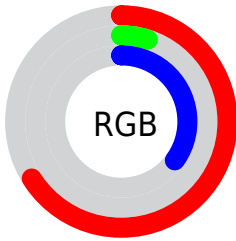
Format	Color
R_{YB}	168, 14, 89
Decimal	11013721
CIE Lab	36.67, 60.69, -0.33
CIE LCh	37, 60.689, 359.688
Yxy	9.3602, 0.4794, 0.2478
Android (android.graphics.Color)	4289203801 (0xFFA80E59)
YUV	68.5960, 10.0592, 87.1773
Hunter-Lab	30.5944, 52.1130, 1.4486

Details

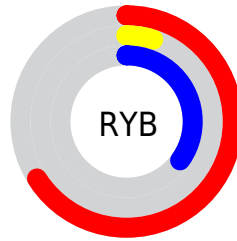
The YUV color **68.5960, 10.0592, 87.1773** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **113.4040, -10.0592, -87.1773**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.7390, 3.0867, 83.5439**, and **37.9060, 3.0043, 63.2264** is the 20% darker color. If you saturate the color by 10%, you get **59.5800, 11.0531, 95.0843**, and if you desaturate by 10%, it is **79.6010, 9.0707, 77.5259**.

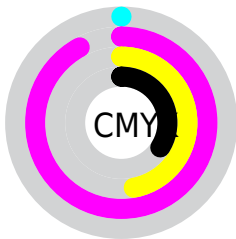
Distribution



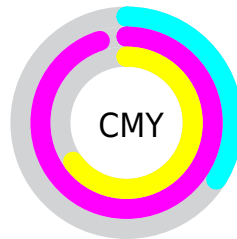
- Red (66%)
- Green (5%)
- Blue (35%)



- Red (66%)
- Yellow (5%)
- Blue (35%)



- Cyan (0%)
- Magenta (92%)
- Yellow (47%)
- Black (34%)



- Cyan (34%)
- Magenta (95%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.5960, 10.0592, 87.1773 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 68.5960, 10.0592, 87.1773 by changing the saturation by 10% instead.

68.5960, 10.0592,
87.1773

68.5960, 10.0592,
87.1773

255.0000, 0.0000,
0.0000

49.0850, 8.3391,
78.8555

132.7390, 3.0867,
83.5439

37.9060, 3.0043,
63.2264

160.7990, 2.0711,
82.6143

26.9550, -1.4568,
47.3975

180.3130, 5.7617,
65.5005

16.6730, -7.2338,
33.6128

199.9410, 9.8891,
48.2867

2.3920, -1.1793,
4.9182

220.1560, 13.7271,
30.5582

0.0000, 0.0000,
0.0000

237.9770, 8.3923,

14.9292

■ 68.5960, 10.0592,
87.1773

■ 68.5960, 10.0592,
87.1773

■ 59.5800, 11.0531,
95.0843

■ 79.6010, 9.0707,
77.5259

■ 90.4920, 7.6454,
67.9745

■ 100.9100, 6.9464,
58.8379

■ 111.8010, 5.5211,
49.2865

■ 122.8060, 4.5326,
39.6351

■ 133.8110, 3.5442,
29.9838

■ 144.7020, 2.1189,
20.4323

■ 155.1200, 1.4198,
11.2958

■ 166.1250, 0.4314,
1.6444

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7900, 25.7395, 51.0502



68.5960, 10.0592, 87.1773



73.6790, -16.1107, 80.9655

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.5960, 10.0592, 87.1773



73.9820, -36.4731, -14.8932



79.9550, 44.8852, -70.1205

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68.5960, 10.0592, 87.1773



113.4040, -10.0592, -87.1773

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0850, 27.5661, -68.4805



68.5960, 10.0592, 87.1773



64.6960, -16.1191, -56.7384

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.5960, 10.0592, 87.1773



81.0020, -39.9340, 21.9232



72.3850, 5.7262, -63.4816



75.6810, 53.8943, -66.3722

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.5960, 10.0592, 87.1773



77.7160, -35.8490, 65.1471



72.3850, 5.7262, -63.4816



79.9890, 39.9384, -70.1504

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68.5960, 10.0592, 87.1773



179.6590, 4.1121, 34.5021



54.5790, 55.9166, 31.9412



85.5280, 2.6977, 21.4619



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.5960, 10.0592, 87.1773



77.6790, 14.4553, 123.9385



60.0460, -22.7007, 94.6757



78.8480, 0.5679, 4.5183



52.4600, 9.6332, 83.7886



7.1200, 1.4198, 11.2958

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68.5960, 10.0592, 87.1773



77.6790, 14.4553, 123.9385



121.9540, 22.7007, -94.6757



78.8480, 0.5679, 4.5183



52.4600, 9.6332, 83.7886



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 68.5960, 10.0592, 87.1773 looks on a white background.

Color Contrast Check

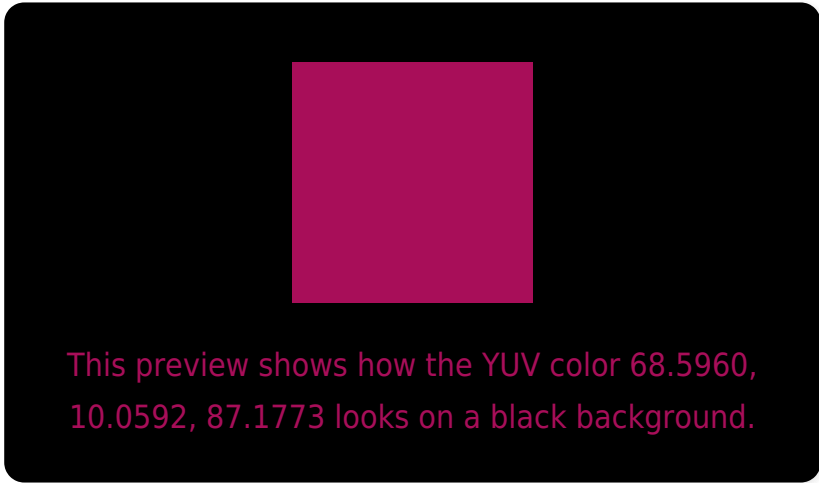
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

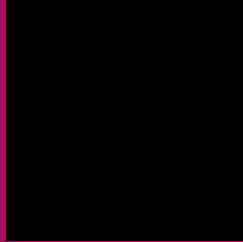
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 68.5960, 10.0592, 87.1773

Background



This preview shows how black text looks on a background with the YUV color 68.5960, 10.0592, 87.1773.



This preview shows how white text looks on a background with the YUV color 68.5960, 10.0592,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

68.5960, 10.0592, 87.1773

Protanopia

87.9720, 19.2408, -11.3764

Deuteranopia

88.8440, -3.3741, 8.9068



Tritanopia

75.3860, -18.4313, 78.5915

Trichromacy



Original Color

68.5960, 10.0592, 87.1773

Protanomaly

80.6930, 15.9274, 24.8252

Deuteranomaly

81.3990, 1.7753, 37.3611

Tritanomaly

73.1550, -7.9644, 81.4251

Monochromacy



Original Color

68.5960, 10.0592, 87.1773

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.8220, 3.5388, 31.7281

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.5960, 10.0592, 87.1773 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(168, 14, 89)` looks like.

```
.text, #text, p{  
    color:rgb(168, 14, 89)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(168, 14, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 14, 89) }
```

Border

The CSS property to change the border of an element to YUV 68.5960, 10.0592, 87.1773 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 14, 89) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(168, 14, 89) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(168, 14, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 14, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 14, 89);  
box-shadow:4px 4px 4px 4px rgb(168, 14,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 68.5960, 10.0592, 87.1773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 14, 89) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(168, 14,  
89) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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